



LC-PRO-35MPR-HDMI

User manual






















Thank you for choosing LC-Power. LC-PRO-35MPR-HDMI is a home media center that can record and play media files (movie, audio and photo) on your TV, and when connected to a PC, it can also copy and play shared files via network.













SAFETY AND OTHER INSTRUCTIONS

Please use the LC-PRO-35MPR-HDMI with caution and read carefully the following instructions.

- ▶ Software, audio, video or any other intellectual properties are protected by copyright and international laws. It is the user's responsibility to take care about these topics when he reproduces or distributes content(s) with his personal devices.
- ▶ This product may not support some media formats. Please check the available codec types.
- ▶ Please backup data stored in this product in a safe place. We are not responsible for any data loss or damage.
- ▶ Safe the LC-PRO-35MPR-HDMI from drops or shocks. This may damage it.
- ▶ Do not clean the product using chemical cleaners. This may damage the LC-PRO-35MPR-HDMI.
- ▶ Avoid any contact of the LC-PRO-35MPR-HDMI with water or other liquids. This may cause fire or an electric shock. If any conductive liquid enters, turn off the LC-PRO-35MPR-HDMI and disconnect the power adapter immediately.
- ▶ Do not place the LC-PRO-35MPR-HDMI near a magnetic field. This may cause a malfunction or damage stored data.
- ▶ Do not expose the LC-PRO-35MPR-HDMI to direct sunlight or near a heat source. Do not keep it for long time in high temperature surroundings. This may damage it.
- ▶ Do not use many electronic products with one single outlet. Insert the power plug firmly. Do not unplug it during a state of operation.

REMOTE CONTROL

Button	Function
	POWER on or off.
	Switch between video output: NTSC Interlaced - NTSC Progressive - PAL Interlaced - PAL Progressive.
	Mute audio output.
	Record or resume when paused. Press repeatedly to set the recording length: 30mins / 60mins / 90mins / 120mins / 180mins / 240mins / Off.
	Browse music, photo and movie files
	Enter the timer menu
	Copy a file from one device to another
	View the guide menu
	Decrease the volume
	Increase the volume
	Press to confirm a setting
	Navigation buttons
	Return to previous list in menu mode
	Change settings
	Numeric buttons: to select a channel or for numeric input.
	Jump to a specific point
	SLOW button: play in slow motion. Available levels: 3/4, 1/2, 1/4, 1/8, 1/16x
	Select the option bar
	Begin a playback
	Stop a playback
	Pause the current playback

	Go to the previous title
	Skip to the next title
	Rewind playback. Press repeatedly to select the speed.
	Forward playback. Press repeatedly to select the speed.
	Activate subtitles
	Display media file information. In video and photo mode, press to view time, title or chapter.
	Select an audio track
	Zoom levels: Photo: 2x, 4x, 8x, 16x; Video: 2x, 3x, 4x, 8x
	Pause live TV and resume the program from the point you left. The program is recorded in available space.
	Time Shift mode remains active until you press “stop” button.
	Press to repeat title.
	Select file or folder to rename or to delete.
	Select to confirm.

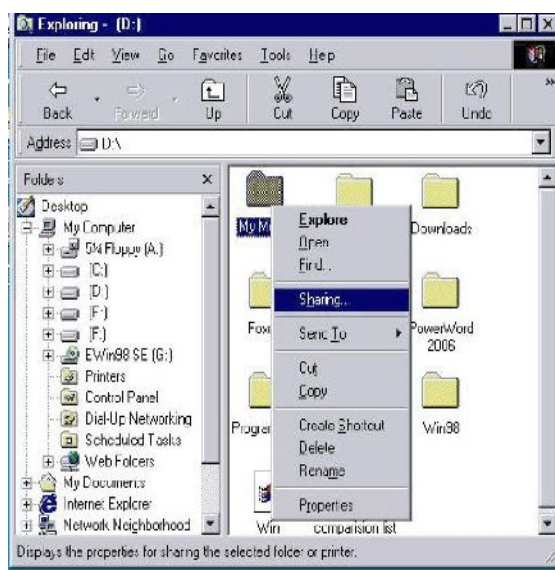
NET WORK BASED DATA SHARING WITH PC

Network-based data sharing with a PC

After the LAN cable is connected according to your system environment, set up the Windows network as follows.

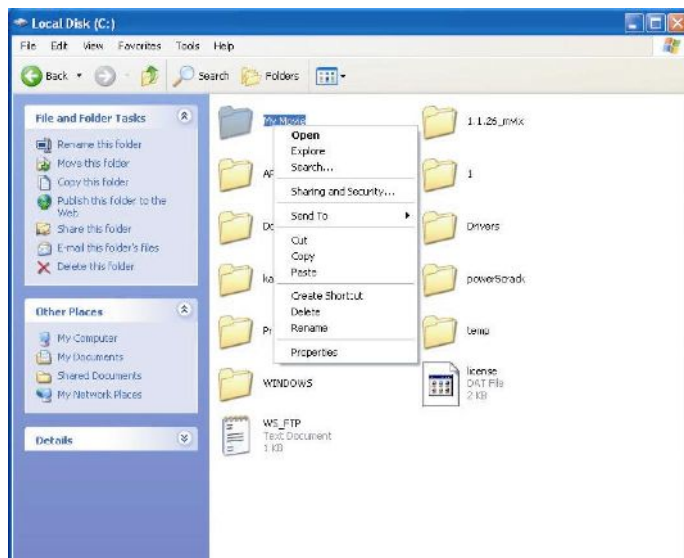
To establish the network communication between LC-PRO-35MPR-HDMI and your computer, two requirements should be satisfied:

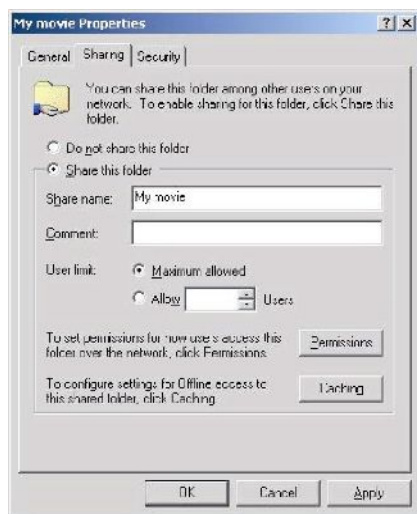
- 1) Folder sharing and security setup
- 2) Using the same IP address band and subnet mask



Data sharing setup for Windows XP

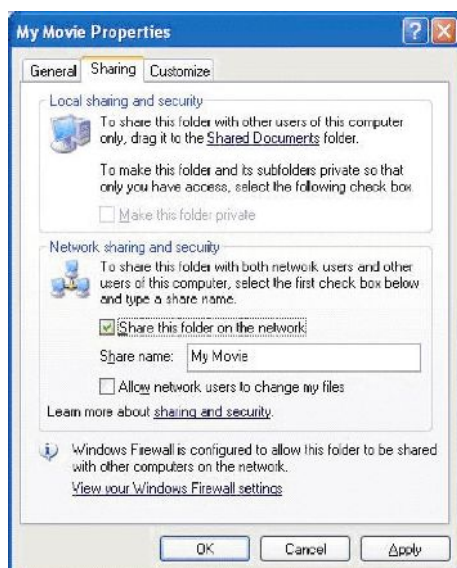
1. Select the folder you want to share and select "Sharing and security" with right the mouse button.





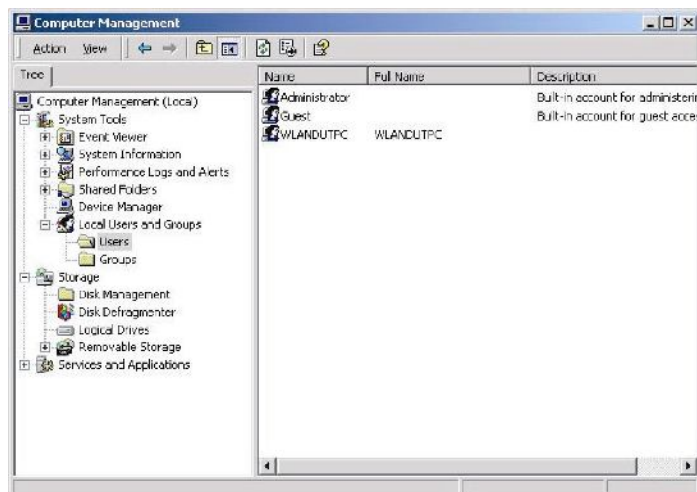
2. Check “Sharing this folder on the network” and type in the “Share name”.

WARNING! “Share name” should be less than 12 characters.



3. If the folder is shared, you will see a hand mark on the folder icon.

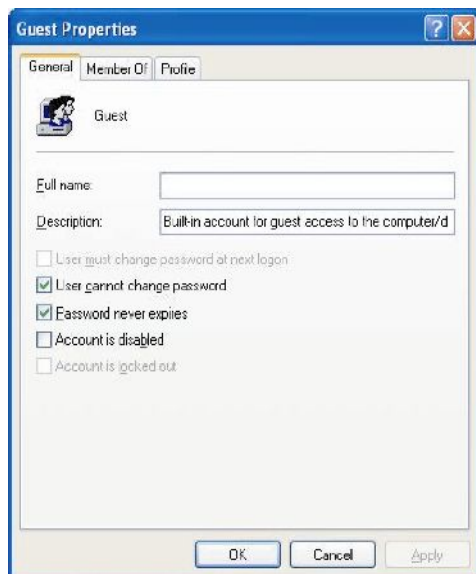
4. Go to “Control Panel - Administrative Tools - Computer Management - Local users and group” and among the displayed items, doubleclick on the “Guest” item.



WARNING!

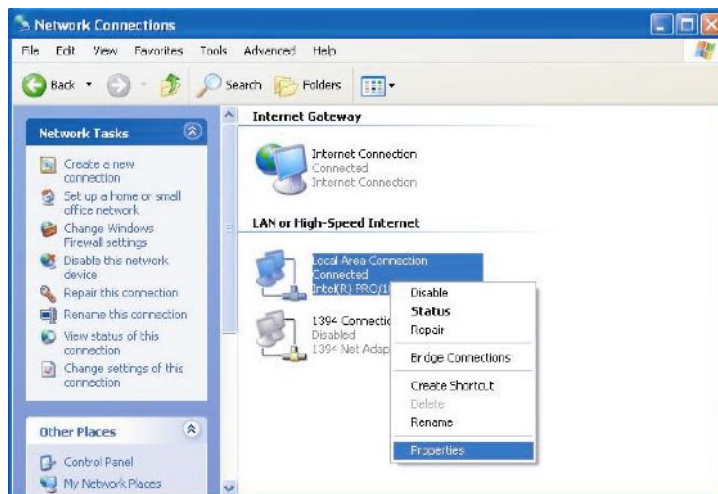
A permission setting is only required for Windows XP Pro users. If you are a XP home user, go directly to step “6”.

If you cannot see “Administrative Tools”, click on “Switch to classic view” on the left corner.



5. After checking “User cannot change password” and “Password never expires”, keep the other checkboxes unchecked.

6. Go to “Control Panel - Network Connections”. Select “Local Area Connections”. Select “Properties” using the right mouse button.

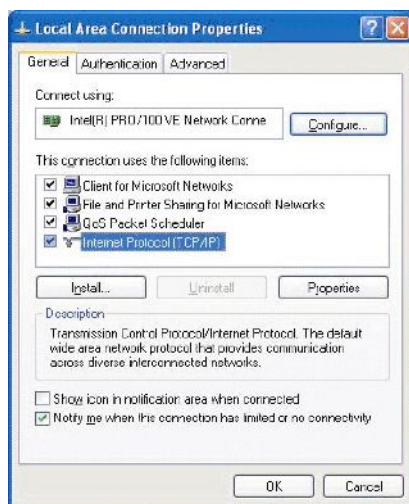


WARNING !

If you cannot see any “Network connections”, click on “Switch to classic view” on the upper left corner.

If there are more than two “Local Area Connections”, select the LAN card which is connected to the LC-PRO-35MPR-HDMI.

7. Among the displayed items, doubleclick “Internet Protocol (TCP/IP)”.



After checking “Specify an IP address”, enter your IP address and subnet mask.
Example: IP address: 192.168.1.3 - Subnet mask: 255.255.255.0.

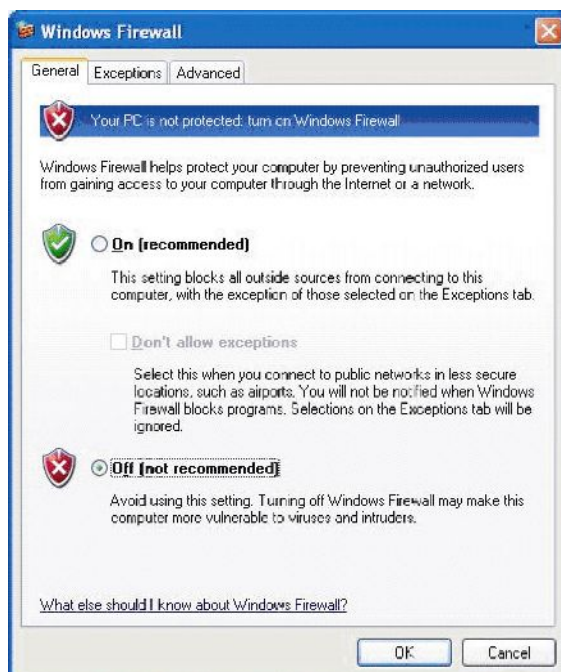
WARNING!

If your PC already has “Obtain IP address automatically” checked and has automatically assigned an IP from an internet router or DHCP server, you may not need this setup. If you want a manual IP setup, please obtain an available IP address and subnet mask from the router manufacturer or network administrator.

If “Internet connection Firewall” option is checked, cancel this option.
For Windows Service Pack 2 click on “Settings” in the “Window Firewall” section.



After selecting “off”, click on “ok”.



8. Configure the LC-PRO-35MPR-HDMI network environment.

After pressing “Setup”, select “IP SETUP” among the “NETWORK” setup items and set this to manual setup. Then enter your IP address and subnet mask.
Example: IP address:192.168.1.10 - Subnet Mask: 255.255.255.0.

IP address	
IP address	192.168.001.010

Subnet Mask	
Subnet Mask	255.255.255.000

MENU INTERFACE

After a few seconds, the system will show the guide menu.



Selecting the browser

It's an explorer: browse movie, photo and music files stored on your USB, hard disk drive (now referred to as HDD), network and card reader.

Video In

Select the input source to be recorded.

Selecting Timer Rec

Create, edit and delete recording schedules and view all about the schedule status and history.

File Copy

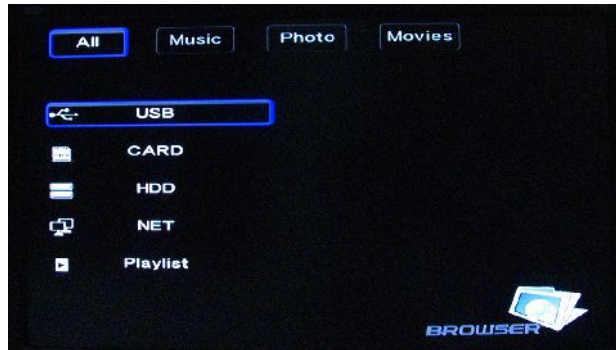
File manager: copy files on USB, HDD, network and card reader from one media to another.

Selecting Setup

Change settings.

BROWSER MENU

Browse and play music, photo and movie files stored on the HDD of your LC-PRO-35MPR-HDMI or an external USB device, card reader, network or playlist.



Browsing all

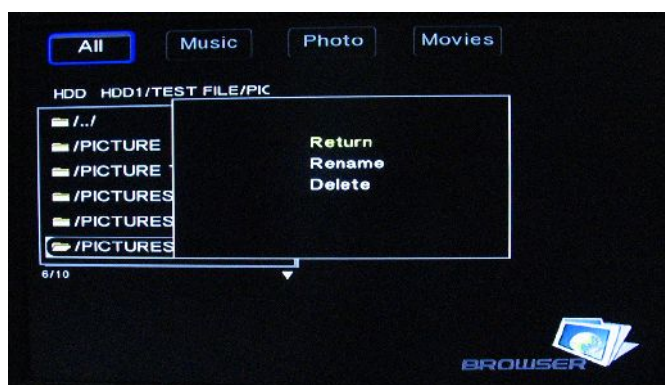
Select **All** in menu.



Select folder(s) containing all files (music, photo and movie). Select the file you want to view and it will be displayed.

File Edit Menu

Select the file or folder and click "Edit".



Return

Select to go back to the main screen.

Rename

To rename a file:

1. Select "Rename" from the menu bar.
2. The "Name entry" screen appears.

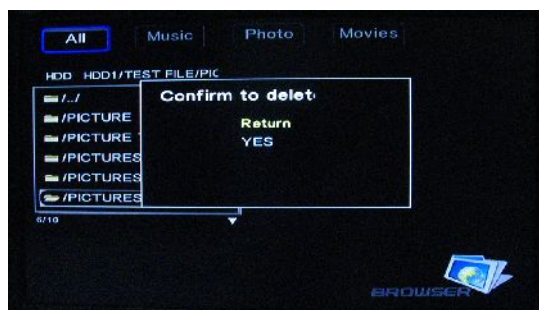


3. Use the navigation arrows to select letters and numbers. Select CAPS to toggle between uppercase and lowercase letters.
4. Once you have entered a new name, select OK to confirm all changes. If you want to cancel changing the name, press "Return".

Delete

To delete a title:

1. Select **Delete** from the menu.
2. Confirm and delete the file.
3. A confirmation message appears.
4. Press "Enter" to delete the selected file. To cancel the deletion, select **Return**.



Browse: NET

My_Short Cut

Connect directly to the PC, you do not need to access it via the network.



My Neighbors

Connect directly to a PC's shared folder.

Browse Music

Select the folder containing your audio files. A thumbnail strip will appear at the screen bottom, including song information.



LC-PRO-35MPR-HDMI supports MP3, WMA, AAC and OGG format.

Browse photos

Select the folder containing photo files. Select the photo you want to view and it will be displayed in full screen mode.



Note:

1. When the photo is displayed in full screen mode, the slide show starts automatically.
2. While listening to MP3 files, you can browse photos at the same time.

Rotate a photo in any angle with the navigation arrows or zoom in or out the photo, three levels are available. LC-PRO-35MPR-HDMI supports High Definition photos (JPG, JPEG).

Browse movies

Select the folder(s) containing movie files. Select the movie you want to view and it will be displayed in full screen mode.



RECORDING FUNCTION

Video in

Select to record directly from AV in.



The system will create a “My Recordings” folder on the HDD or USB device. Your recorded file will be saved in this folder. The file name will be named according to the system time.

Timer REC

Plan recording schedules, view status and history.

Create a new schedule

1. Select **Edit** from the menu.



2. Select **Add a new schedule** and confirm.

Adjust settings according to:

Source	Video
Start time	Enter recording date and time.
Length	Enter recording length
Repeat	Program a recording schedule.
Device	USB or HDD support regarding the destination folder of your record.
Quality	Select the recording quality. Choose from HQ, SLP, EP, LP and SP. High quality level requires more space on the HDD. On the left screen the free space of the HDD/USB will be shown.
Preview	Show the currently selected channel program.

Edit Schedules

Select the schedule you want to edit from the list.



Modify the schedule as described in “**Create a new schedule**” on previous page.

Delete schedules

Select the schedule you want to delete and confirm one, all or cancel.



View schedule status

The schedule list is displayed.



Enable the timer according to your needs: **by user** or **stand by**.

View the recording history

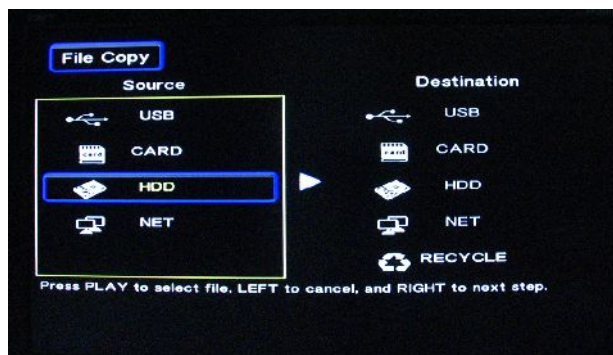
View a complete history of all set recordings.

FILE COPY MENU

Copy files from the HDD, network, USB or card reader from one media to another. Select **File Copy** from the **Guide** menu or select COPY on the remote control.

Step 1: Select the source device

Select the device you want to copy from in the source sector.



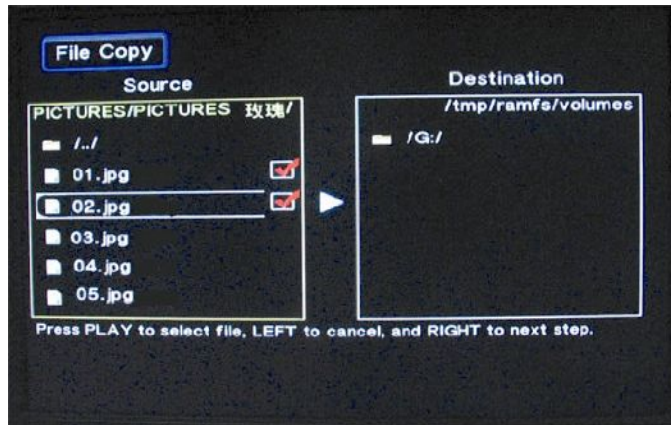
Step 2: Select the destination device

Select the destination device on the right part of the screen.



Step 3: Select copy files or folders

In the source sector, select files or folders you want to copy. A mention will be displayed next to the file name.



Step 4: Select the folders of destination

In the destination sector, select the folder where you want to copy your files to.


Step 5: Copy Status

When succeeded, the system will display “File Copy Completed!”. If failed, the system will display “File Copy failed!”.

SETUP MENU

Configure video, recording and system settings.

Photo settings

Slideshow timing	Set slideshow time. Select OFF or the interval you require.
Transition Effect	 Select OFF or one of the following transition effects required: 1) “Cross Fade” - fade in and fade out 2) “Left to Right” - from left to right 3) “Top to Bottom” - from top to bottom 4) “Waterfall” - steep descent of water

	5) "Snake" – snake motion 6) "Dissolve" – dissolving 7) "Strip Left Down" – strip cover from left top to right bottom 8) "All Effect Shuffle" – shuffle all mentioned effects
Background music	Play a music file in the same folder. Select the background music position. Select "off" to close the function.

Audio Settings

Night mode: The sound level will be reduced, but it becomes clearer. Select from off / on / comfort and confirm.

Digital output: Select from HDMI LPCM / HDMI RAW / SPDIF LPCM / SPDIF RAW and confirm.

Video Settings

Aspect ratio	Select from: Pan Scan 4:3 / Letter Box 4:3 / 16:9 and confirm. Pan Scan 4:3: Display a wide picture on the entire screen. Letter Box 4:3: Display a wide picture with two black borders on top and bottom of the 4:3 screen. 16:9: Compressed image to convert the whole image.
Brightness	Set brightness levels. New setting is previewed on screen.
Contrast	Set contrast levels. New setting is previewed on screen.
TV system	Select to adjust the TV system, depending on your preferences.

HDMI settings

Change your TV set to HDMI output to be displayed on your TV screen.

Record settings

Quality	Select to set the default recording quality setting. The highest quality is HQ and requires more storage space. Other settings reduce the recording quality and require less storage space.
Permanent timeshift	Select to set the permanent timeshift feature on or off.
REC device	Choose the device (HDD or USB) to record on.

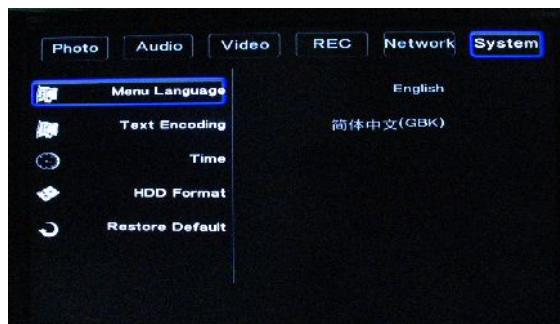
Network Settings

Wired Lan Setup	Set the network settings. Before you use these functions, please check the following items: 1) Connect the LC-PRO-35MPR-HDMI to a network first. 2) Please enable “NetBIOS of TCP/IP” on your computer. 3) Please turn off or configure properly your PC’s firewall. 4) Please share folders to browse.
	DHCP IP(AUTO) Set DNS server IP address automatically.
	FIX IP (MANUAL) You have to enter the following: IP address, subnet mask and default gateway according to your domestic settings.



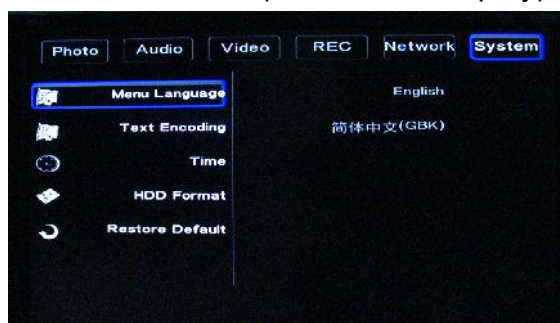
System settings

Select **System** from the menu.



Menu language

Choose the OSD (On Screen Display) language.



Text encoding

Choose the text encoding language.

Time

Select to set the system time. Enter manual setup.

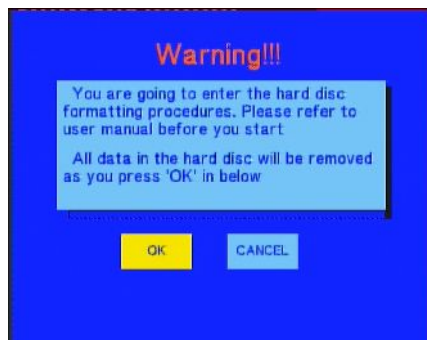


Enter the system menu: select field and adjust settings.

HDD format



Warning: Make sure you made a backup of your data before formatting as it will erase all data on your hard disk drive.



Partitioning

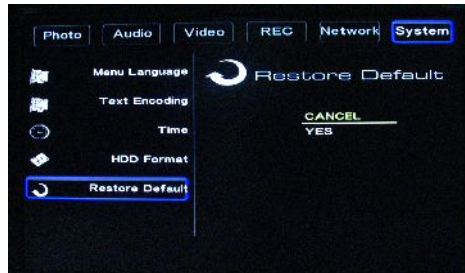


Step 1: Adjust FAT32 or NTFS partition and capacity according to your needs. Please note that some features will show a limited usability in NTFS mode.

Step 2: Press “Format” to start. Select cancel to return to the previous page.

Restore default

Select to restore the factory default settings.



WARNING: Your personal settings will be cancelled.

Specifications

CONTENT FORMAT SUPPORTED

Video: AVI / MPG / MPEG / MP4 / DAT / VOB

Photos: JPEG / JPG

Audio: MP3 / WAV / WMA / ACC / OGG

Compression rate: between 32 kbps and 320 kbps

RECORDABLE MEDIA SUPPORTED:

- HDD (DVD+VR mode)
- USB

VIDEO RECORDING MODE

Mode	DVD	320 GB HDD	500 GB HDD	750 GBHDD	1TB	
HQ	1hr	64hrs	100hrs	150hrs	240hrs	High Quality
SP	2hrs	128hrs	200hrs	300hrs	480hrs	Standard Play
LP	3hrs	192hrs	300hrs	450hrs	720hrs	Long Play
EP	4hrs	256hrs	400hrs	600hrs	940hrs	Extended Play
SLP	6hrs	384hrs	600hrs	900hrs	1440hrs	Super Long Play

VIDEO RECORDING FORMAT

- MPEG2: DVD+VR (HQ/SP/LP/EP/SLP mode)

AUDIO RECORDING FORMAT

- DVD+VR (HQ/SP/LP/EP/SLP mode): MPEG2 2-channel

VIDEO OUTPUT SPECIFICATION

Composite Output 1 Vpp @ 75 Ohm

Components Output Y:1 Vpp@ 75 Ohm

 Pb:0.7 Vpp@ 75 Ohm

 Pr:0.7 Vpp@ 75 Ohm

AUDIO PERFORMANCE

DA converter: 24-bit/192kHz

AD converter: 24-bit/96kHz

Signal noise (1kHz): ≥ 95dB

Dynamic range: ≥90Db

Separation channel: ≥95dB

Total harmonic distortion: (1kHz) ≤-85dB

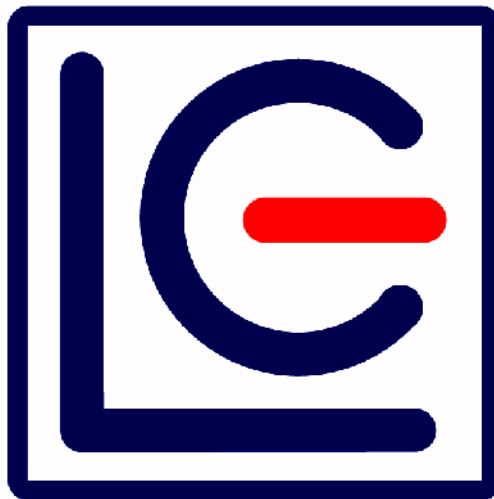
CONNECTIONS

Video input RCA connector (yellow)	x 1
Audio L/R input RCA connector (white/red)	x 1
HUB: USB Hub port	x 2
USB: USB port	x 1
HDD: SATA connector	x 1
Video output RCA connector (yellow)	x 1
Audio L/R RCA connector (white/red)	x 1
Optical: optical connector	x 1
HDMI: HDMI connector	x 1
Card reader:	x 1

GENERAL

Power supply:	AC 100~240V - 50~60Hz
Power consumption:	ca. 35W
Operating temperature:	+5°C to +40°C (+36°F to +104°F)
Operating humidity:	5% to 80% RH
Dimensions (W/H/D):	430 x 66 x 316 mm
Net weight:	ca. 2,3 kg

Note: The specifications and design of this product may be subject to change without prior notice if needed.



www.lc-power.com

LC-POWER.COM